

PALM Intranet

Application Number

IDS Flag Clearance for Application 10791650

**IDS
Information**

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2005-05-23	12	Y <input checked="" type="checkbox"/>	2007-01-18 14:57:22.0	MAli
M844	2004-03-02	10	Y <input checked="" type="checkbox"/>	2007-01-18 14:57:24.0	MAli
<input type="button" value="Update"/>					

BEST AVAILABLE COPY

Day : Thursday

Date: 1/18/2007

Time: 14:59:34

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = TAKEUCHI

First Name = HIROTSUGU

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09805414</u>	<u>6477857</u>	150	03/13/2001	EJECTOR CYCLE SYSTEM WITH CRITICAL REFRIGERANT PRESSURE	TAKEUCHI, HIROTSUGU
<u>09872379</u>	<u>6438993</u>	150	06/01/2001	EJECTOR CYCLE SYSTEM	TAKEUCHI, HIROTSUGU
<u>10082388</u>	<u>6550265</u>	150	02/25/2002	EJECTOR CYCLE SYSTEM	TAKEUCHI, HIROTSUGU
<u>10188006</u>	<u>6584794</u>	150	07/01/2002	EJECTOR CYCLE SYSTEM	TAKEUCHI, HIROTSUGU
<u>10201057</u>	<u>6574987</u>	150	07/23/2002	EJECTOR CYCLE SYSTEM WITH CRITICAL REFRIGERANT PRESSURE	TAKEUCHI, HIROTSUGU
<u>10264636</u>	<u>6606873</u>	150	10/04/2002	EJECTOR CIRCUIT	TAKEUCHI, HIROTSUGU
<u>10264977</u>	<u>6729149</u>	150	10/04/2002	EJECTOR CYCLE SYSTEM	TAKEUCHI, HIROTSUGU
<u>10281690</u>	<u>6604379</u>	150	10/28/2002	EJECTOR FOR EJECTOR CYCLE SYSTEM	TAKEUCHI, HIROTSUGU
<u>10335371</u>	<u>6729157</u>	150	12/31/2002	AIR CONDITIONER WITH EJECTOR CYCLE SYSTEM	TAKEUCHI, HIROTSUGU
<u>10339529</u>	<u>6742356</u>	150	01/09/2003	GAS-LIQUID SEPARATOR FOR EJECTOR CYCLE	TAKEUCHI, HIROTSUGU
<u>10350779</u>	<u>6675609</u>	150	01/23/2003	REFRIGERANT CYCLE SYSTEM WITH EJECTOR PUMP	TAKEUCHI, HIROTSUGU
<u>10360504</u>	<u>6729158</u>	150	02/06/2003	EJECTOR DECOMPRESSION DEVICE WITH THROTTLE CONTROLLABLE NOZZLE	TAKEUCHI, HIROTSUGU
<u>10373217</u>	Not Issued	161	02/24/2003	Vapor-compression type refrigerating machine and heat exchanger therefor	TAKEUCHI, HIROTSUGU
<u>10422194</u>	<u>6920922</u>	150	04/24/2003	VEHICLE AIR CONDITIONER	TAKEUCHI,

				WITH VAPOR-COMPRESSION REFRIGERANT CYCLE	HIROTSUGU
<u>10422255</u>	<u>6935421</u>	150	04/24/2003	VEHICLE AIR CONDITIONER WITH EJECTOR REFRIGERANT CYCLE	TAKEUCHI, HIROTSUGU
<u>10431808</u>	Not Issued	161	05/08/2003	Vapor compression refrigeration system having ejector	TAKEUCHI, HIROTSUGU
<u>10435786</u>	<u>7165948</u>	150	05/12/2003	EJECTOR	TAKEUCHI, HIROTSUGU
<u>10437794</u>	<u>6904769</u>	150	05/14/2003	EJECTOR-TYPE DEPRESSURIZER FOR VAPOR COMPRESSION REFRIGERATION SYSTEM	TAKEUCHI, HIROTSUGU
<u>10614361</u>	<u>6966199</u>	150	07/07/2003	EJECTOR WITH THROTTLE CONTROLLABLE NOZZLE AND EJECTOR CYCLE USING THE SAME	TAKEUCHI, HIROTSUGU
<u>10614568</u>	<u>6834514</u>	150	07/07/2003	EJECTOR CYCLE	TAKEUCHI, HIROTSUGU
<u>10617207</u>	<u>6871506</u>	150	07/10/2003	EJECTOR CYCLE	TAKEUCHI, HIROTSUGU
<u>10627109</u>	<u>6941768</u>	150	07/25/2003	EJECTOR CYCLE HAVING COMPRESSOR	TAKEUCHI, HIROTSUGU
<u>10660220</u>	<u>6799435</u>	150	09/11/2003	VAPOR COMPRESSION REFRIGERATION SYSTEM	TAKEUCHI, HIROTSUGU
<u>10779571</u>	<u>6862897</u>	150	02/13/2004	VAPOR-COMPRESSIO REFRIGERANT CYCLE WITH EJECTOR	TAKEUCHI, HIROTSUGU
<u>10791650</u>	Not Issued	30	03/02/2004	Ejector with tapered nozzle and tapered needle	TAKEUCHI, HIROTSUGU
<u>10819240</u>	<u>6910343</u>	150	04/06/2004	VAPOR-COMPRESSIO REFRIGERANT CYCLE WITH EJECTOR	TAKEUCHI, HIROTSUGU
<u>10826203</u>	<u>6918266</u>	150	04/16/2004	EJECTOR FOR VAPOR-COMPRESSIO REFRIGERANT CYCLE	TAKEUCHI, HIROTSUGU
<u>10855900</u>	<u>6978637</u>	150	05/27/2004	EJECTOR CYCLE WITH INSULATION OF EJECTOR	TAKEUCHI, HIROTSUGU
<u>10868619</u>	Not Issued	41	06/15/2004	Ejector cycle	TAKEUCHI, HIROTSUGU
<u>10868635</u>	<u>6877339</u>	150	06/15/2004	EJECTOR CYCLE	TAKEUCHI, HIROTSUGU
<u>10869724</u>	<u>6925835</u>	150	06/16/2004	EJECTOR CYCLE	TAKEUCHI, HIROTSUGU

10880046	Not Issued	41	06/29/2004	Ejector cycle	TAKEUCHI, HIROTSUGU
10909547	Not Issued	41	08/03/2004	Vapor compression type refrigerating machine	TAKEUCHI, HIROTSUGU
10921034	6931887	150	08/18/2004	EJECTOR DECOMPRESSION DEVICE	TAKEUCHI, HIROTSUGU
11035334	Not Issued	30	01/13/2005	Ejector cycle and ejector device	TAKEUCHI, HIROTSUGU
11055381	7131292	150	02/10/2005	GAS-LIQUID SEPARATOR	TAKEUCHI, HIROTSUGU
11055795	Not Issued	95	02/09/2005	EJECTOR CYCLE HAVING MULTIPLE EVAPORATORS	TAKEUCHI, HIROTSUGU
11060618	Not Issued	93	02/17/2005	EJECTOR	TAKEUCHI, HIROTSUGU
11063013	6964178	150	02/22/2005	AIR CONDITIONING SYSTEM FOR VEHICLE	TAKEUCHI, HIROTSUGU
11082930	Not Issued	95	03/17/2005	EJECTOR	TAKEUCHI, HIROTSUGU
11110605	7143602	150	04/20/2005	EJECTOR-TYPE DEPRESSURIZER FOR VAPOR COMPRESSION REFRIGERATION SYSTEM	TAKEUCHI, HIROTSUGU
11204220	Not Issued	30	08/15/2005	Vapor compression cycle having ejector	TAKEUCHI, HIROTSUGU
11208925	Not Issued	25	08/22/2005	Ejector	TAKEUCHI, HIROTSUGU
11269257	Not Issued	30	11/08/2005	Double-wall pipe and refrigerant cycle device using the same	TAKEUCHI, HIROTSUGU
11284179	Not Issued	30	11/21/2005	Refrigerant cycle device for vehicle	TAKEUCHI, HIROTSUGU
11335797	Not Issued	25	01/19/2006	Ejector cycle device	TAKEUCHI, HIROTSUGU
11377488	Not Issued	25	03/16/2006	Ejector cycle device	TAKEUCHI, HIROTSUGU
11393037	Not Issued	25	03/30/2006	Ejector type refrigerating cycle	TAKEUCHI, HIROTSUGU
11434426	Not Issued	20	05/15/2006	Ejector cycle device	TAKEUCHI, HIROTSUGU
11439415	Not Issued	25	05/23/2006	Ejector and ejector cycle device	TAKEUCHI, HIROTSUGU

[Search and Display More Records.](#)

Search Another: Inventor Last Name

First Name

takeuchi

hirotsugu

Search

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Thursday

Date: 1/18/2007

Time: 14:58:10

PALM INTRANET

Inventor Name Search Result

Your Search was:

Last Name = OZAKI

First Name = YUKIKATSU

Application#	Patent#	Status	Date Filed	Title	Inventor Name
08110172	5409759	150	08/23/1993	METAL ASSEMBLY	OZAKI, YUKIKATSU
08706329	5692394	250	08/30/1996	GAS-LIQUID SEPARATOR FOR A HEAT PUMP TYPE AIR CONDITIONING SYSTEM USING A GAS-INJECTION CYCLE	OZAKI, YUKIKATSU
08736986	5701752	150	10/25/1996	VEHICULAR AIR TEMPERATURE CONTROL SYSTEM HAVING EXCELLENT WINDSHIELD DEFOGGING CHARACTERISTICS	OZAKI, YUKIKATSU
08787374	5752391	250	01/22/1997	REFRIGERATING SYSTEM	OZAKI, YUKIKATSU
08789210	5890370	150	01/24/1997	REFRIGERATING SYSTEM WITH PRESSURE CONTROL VALVE	OZAKI, YUKIKATSU
08889216	5778691	250	07/08/1997	GAS INJECTION TYPE HEAT PUMP APPARTATUS	OZAKI, YUKIKATSU
08916634	6044655	150	08/22/1997	VAPOR COMPRESSION TYPE REFRIGERATING SYSTEM	OZAKI, YUKIKATSU
09116898	6012300	150	07/17/1998	PRESSURE CONTROL VALVE FOR REFRIGERATING SYSTEM	OZAKI, YUKIKATSU
09352676	6092379	150	07/14/1999	SUPERCRITICAL REFRIGERATING CIRCUIT	OZAKI, YUKIKATSU
09378833	6230506	150	08/23/1999	HEAT PUMP CYCLE SYSTEM	OZAKI, YUKIKATSU
09524676	6321564	150	03/13/2000	Refrigerant cycle system with expansion energy recovery	OZAKI, YUKIKATSU
09694378	6505476	150	10/23/2000	REFRIGERANT CYCLE SYSTEM WITH SUPER-	OZAKI, YUKIKATSU

				CRITICAL REFRIGERANT PRESSURE	
<u>09892109</u>	<u>6543238</u>	150	06/26/2001	REFRIGERANT CYCLE SYSTEM WITH EXPANSION ENERGY RECOVERY	OZAKI, YUKIKATSU
<u>09909539</u>	<u>6574977</u>	150	07/20/2001	HEAT PUMP CYCLE	OZAKI, YUKIKATSU
<u>10271678</u>	<u>6776029</u>	150	10/15/2002	OIL CONTENT MEASURING DEVICE AND REFRIGERATION SYSTEM USING THE SAME	OZAKI, YUKIKATSU
<u>10281690</u>	<u>6604379</u>	150	10/28/2002	EJECTOR FOR EJECTOR CYCLE SYSTEM	OZAKI, YUKIKATSU
<u>10765761</u>	Not Issued	95	01/27/2004	VAPOR-COMPRESSION REFRIGERANT CYCLE SYSTEM WITH REFRIGERATION CYCLE AND RANKINE CYCLE	OZAKI, YUKIKATSU
<u>10791650</u>	Not Issued	30	03/02/2004	Ejector with tapered nozzle and tapered needle	OZAKI, YUKIKATSU
<u>10819240</u>	<u>6910343</u>	150	04/06/2004	VAPOR-COMPRESSION REFRIGERANT CYCLE WITH EJECTOR	OZAKI, YUKIKATSU

Inventor Search Completed: No Records to Display.

Search Another: Inventor

Last Name	First Name	
<input type="text" value="ozaki"/>	<input type="text" value="yukikatsu"/>	<input type="button" value="Search"/>

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

Day : Thursday
Date: 1/18/2007


PALM INTRANET

Time: 14:58:51

Inventor Name Search Result

Your Search was:

Last Name = HOTTA

First Name = TADASHI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
09378833	6230506	150	08/23/1999	HEAT PUMP CYCLE SYSTEM	HOTTA, TADASHI
09524676	6321564	150	03/13/2000	Refrigerant cycle system with expansion energy recovery	HOTTA, TADASHI
09892109	6543238	150	06/26/2001	REFRIGERANT CYCLE SYSTEM WITH EXPANSION ENERGY RECOVERY	HOTTA, TADASHI
09909539	6574977	150	07/20/2001	HEAT PUMP CYCLE	HOTTA, TADASHI
10271678	6776029	150	10/15/2002	OIL CONTENT MEASURING DEVICE AND REFRIGERATION SYSTEM USING THE SAME	HOTTA, TADASHI
10281690	6604379	150	10/28/2002	EJECTOR FOR EJECTOR CYCLE SYSTEM	HOTTA, TADASHI
10765761	Not Issued	95	01/27/2004	VAPOR-COMPRESSION REFRIGERANT CYCLE SYSTEM WITH REFRIGERATION CYCLE AND RANKINE CYCLE	HOTTA, TADASHI
10791650	Not Issued	30	03/02/2004	Ejector with tapered nozzle and tapered needle	HOTTA, TADASHI
10797087	Not Issued	30	03/11/2004	Waste heat utilizing system	HOTTA, TADASHI
10844329	7028475	150	05/13/2004	FLUID MACHINE	HOTTA, TADASHI
10862348	6993910	150	06/08/2004	FLUID MACHINE	HOTTA, TADASHI
10993541	6928820	150	11/19/2004	WASTE HEAT COLLECTING SYSTEM HAVING RANKINE CYCLE AND HEATING CYCLE	HOTTA, TADASHI

<u>11073599</u>	Not Issued	41	03/08/2005	Fluid machine	HOTTA, TADASHI
<u>11091421</u>	Not Issued	41	03/29/2005	Fluid machine	HOTTA, TADASHI
<u>11141134</u>	Not Issued	30	05/31/2005	Heat cycle	HOTTA, TADASHI

Inventor Search Completed: No Records to Display.

Search Another: Inventor	Last Name	First Name	<input type="button" value="Search"/>
	<input type="text" value="hotta"/>	<input type="text" value="tadashi"/>	

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | [Home page](#)

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20020000095"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:39
L2	4659	ejector and separator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:40
L3	152	ejector and separator and needle and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:52
L4	1046	ejector and needle and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:52
L5	41	ejector and needle and nozzle and compressor and radiator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 13:56
L6	199	ejector and needle and nozzle and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 14:03
L7	112	(jetter or jetting or jetted) and needle and nozzle and compressor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 14:10

EAST Search History

L8	290	62/500	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 14:35
L9	0	mixing and defuser and nozzle and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 14:37
L10	364	mixing and diffuser and nozzle and needle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 14:37
L11	35	mixing and diffuser and nozzle and needle and refrigerant	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/18 14:37

This Page is inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☒ FADED TEXT OR DRAWING
- ☐ BLURED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLORED OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☒ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☒ REPERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images
problems checked, please do not report the
problems to the IFW Image Problem Mailbox**